Integrated Mission Support

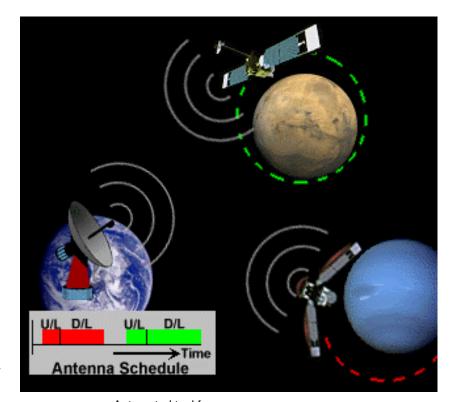




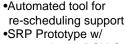
-Significant advances in automation and integration of mission analysis and support S/W

Goals and Products

- -Provide a validated Service Request Processor (SRP) for requesting, analyzing and managing TMOD services (e.g., uplink, downlink, ranging, Doppler)
- -Provide vastly improved S/W automation and integration of DSN scheduling
- -Develop telecom link analysis tool that evaluates and displays uncertainties and links to mission and assets database (MADB)
- -Provide mission design (MD) tools for the integrated MADB/SRP environment •SRP Prototype w/
 - resource mapper, Deliver proof and telecomm •Initiate BER performance of concept calculation module
 - Selected MD tools connected to MADB Initiate MD tool connection to MADB
 - Beacon monitor rescheduling demo



FY00



connection to DSN Ops

Operational SRP

 Automated Scheduling and rescheduling



Start SRP &

Scheduling

development



SRP prototype

Re-scheduling









FY97 FY99 FY98